

O'Hara

#17 Ext 2/25/96/646

CRF Errors Corrected by the STIC System's Branch

CRF Processing Date: 2/25/2000
Edited by: APV
Verified by: APV (STIC staff)

Serial Number: 09/376,430

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:
- ENTERED**
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file;
☐ page numbers throughout text; ☐ other invalid text, such as _____.
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/376,430DATE: 02/25/2000
TIME: 12:34:06

Input Set: I376430.RAW

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

Does Not Comply
Corrected Diskette Needed

1 <110> Moore, Paul A.
2 Rosen, Craig A.
3 Ruben, Steven M.
4 <120> Cytokine Receptor Common Gamma Chain Like
5 <130> PF466P1
6 <140> US/09/376,430
7 <141> 1999-08-18
8 <150> 60/086,505
9 <151> 1998-05-22
10 <150> 60/078,563
11 <151> 1998-03-19
12 <150> 09/263,626
13 <151> 1999-03-05
14 <150> PCT/US99/05068
15 <151> 1999-03-05
16 <160> 32
17 <170> PatentIn Ver. 2.0

ERRORED SEQUENCES FOLLOW

18 <210> 32
19 <211> 144
20 <212> DNA
21 <213> Homo sapiens
22 <400> 32
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25 gccatcatgg ggcggctggt tctg 144
E--> 26 1
27 14

PAGE: 2

VERIFICATION SUMMARY
PATENT APPLICATION US/09/376,430

DATE: 02/25/2000
TIME: 12:34:06

Input Set: I376430.RAW

Line ? Error/Warning

Original Text

26 E Number of Bases conflict w/ Running Total 1

Input Set: I376430.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

PS

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1  <110> APPLICANT: Moore, Paul A.
2      Rosen, Craig A.
3      Ruben, Steven M.
4  <120> TITLE OF INVENTION: Cytokine Receptor Common Gamma Chain Like
5  <130> FILE REFERENCE: PF466P1
6  <140> CURRENT APPLICATION NUMBER: US/09/376,430
7  <141> CURRENT FILING DATE: 1999-08-18
8  <150> EARLIER APPLICATION NUMBER: 60/086,505
9  <151> EARLIER FILING DATE: 1998-05-22
10 <150> EARLIER APPLICATION NUMBER: 60/078,563
11 <151> EARLIER FILING DATE: 1998-03-19
12 <150> EARLIER APPLICATION NUMBER: 09/263,626
13 <151> EARLIER FILING DATE: 1999-03-05
14 <150> EARLIER APPLICATION NUMBER: PCT/US99/05068
15 <151> EARLIER FILING DATE: 1999-03-05
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21 <213> ORGANISM: Homo sapiens
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29      ctg ctg gga ggc tgg atg gct ttg ggg caa gga gga gca gca gaa gga 99
30      Leu Leu Gly Gly Trp Met Ala Leu Gly Gln Gly Gly Ala Ala Glu Gly
31      15 20 25
32      gta cag att cag atc atc tac ttc aat tta gaa acc gtg cag gtg aca 147
33      Val Gln Ile Gln Ile Ile Tyr Phe Asn Leu Glu Thr Val Gln Val Thr
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35      tgg aat gcc agc aaa tac tcc agg acc aac ctg act ttc cac tac aga 195
36      Trp Asn Ala Ser Lys Tyr Ser Arg Thr Asn Leu Thr Phe His Tyr Arg
37      50 55 60
38      ttc aac ggt gat gag gcc tat gac cag tgc acc aac tac ctt ctc cag 243
39      Phe Asn Gly Asp Glu Ala Tyr Asp Gln Cys Thr Asn Tyr Leu Leu Gln
40      65 70 75
41      gaa ggt cac act tcg ggg tgc ctc cta gac gca gag cag cga gac gac 291
42      Glu Gly His Thr Ser Gly Cys Leu Leu Asp Ala Glu Gln Arg Asp Asp
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44      att ctc tat ttc tcc atc agg aat ggg acg cac ccc gtt ttc acc gca 339

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Input Set: I376430.RAW

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48	Ser	Arg	Trp	Met	Val	Tyr	Tyr	Leu	Lys	Pro	Ser	Ser	Pro	Lys	His	Val	
49	110					115					120					125	
50	aga	ttt	tcg	tgg	cat	cag	gat	gca	gtg	acg	gtg	acg	tgt	tct	gac	ctg	435
51	Arg	Phe	Ser	Trp	His	Gln	Asp	Ala	Val	Thr	Val	Thr	Cys	Ser	Asp	Leu	
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53	tcc	tac	ggg	gat	ctc	ctc	tat	gag	gtt	cag	tac	cgg	agc	ccc	ttc	gac	483
54	Ser	Tyr	Gly	Asp	Leu	Leu	Tyr	Glu	Val	Gln	Tyr	Arg	Ser	Pro	Phe	Asp	
55			145					150					155				
56	acc	gag	tgg	cag	tcc	aaa	cag	gaa	aat	acc	tgc	aac	gtc	acc	ata	gaa	531
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60	Gly	Leu	Asp	Ala	Glu	Lys	Cys	Tyr	Ser	Phe	Trp	Val	Arg	Val	Lys	Ala	
61		175				180					185						
62	atg	gag	gat	gta	tat	ggg	cca	gac	aca	tac	cca	agc	gac	tgg	tca	gag	627
63	Met	Glu	Asp	Val	Tyr	Gly	Pro	Asp	Thr	Tyr	Pro	Ser	Asp	Trp	Ser	Glu	
64	190					195				200						205	
65	gtg	aca	tgc	tgg	cag	aga	ggc	gag	att	cgg	gat	gcc	tgt	gca	gag	aca	675
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68	cca	acg	cct	ccc	aaa	cca	aag	ctg	tcc	aaa	ttt	att	tta	att	tcc	agc	723
69	Pro	Thr	Pro	Pro	Lys	Pro	Lys	Leu	Ser	Lys	Phe	Ile	Leu	Ile	Ser	Ser	
70			225					230					235				
71	ctg	gcc	atc	ctt	ctg	atg	gtg	tct	ctc	ctc	ctt	ctg	tct	tta	tgg	aaa	771
72	Leu	Ala	Ile	Leu	Leu	Met	Val	Ser	Leu	Leu	Leu	Leu	Ser	Leu	Trp	Lys	
73		240						245				250					
74	tta	tgg	aga	gtg	aag	aag	ttt	ctc	att	ccc	agc	gtg	cca	gac	ccg	aaa	819
75	Leu	Trp	Arg	Val	Lys	Lys	Phe	Leu	Ile	Pro	Ser	Val	Pro	Asp	Pro	Lys	
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77	tcc	atc	ttc	ccc	ggg	ctc	ttt	gag	ata	cac	caa	ggg	aac	ttc	cag	gag	867
78	Ser	Ile	Phe	Pro	Gly	Leu	Phe	Glu	Ile	His	Gln	Gly	Asn	Phe	Gln	Glu	
79	270					275				280						285	
80	tgg	atc	aca	gac	acc	cag	aac	gtg	gcc	cac	ctc	cac	aag	atg	gca	ggt	915
81	Trp	Ile	Thr	Asp	Thr	Gln	Asn	Val	Ala	His	Leu	His	Lys	Met	Ala	Gly	
82					290				295						300		
83	gca	gag	caa	gaa	agt	ggc	ccc	gag	gag	ccc	ctg	gta	gtc	cag	ttg	gcc	963
84	Ala	Glu	Gln	Glu	Ser	Gly	Pro	Glu	Glu	Pro	Leu	Val	Val	Gln	Leu	Ala	
85			305					310					315				
86	aag	act	gaa	gcc	gag	tct	ccc	agg	atg	ctg	gac	cca	cag	acc	gag	gag	1011
87	Lys	Thr	Glu	Ala	Glu	Ser	Pro	Arg	Met	Leu	Asp	Pro	Gln	Thr	Glu	Glu	
88			320					325					330				
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90	Lys	Glu	Ala	Ser	Gly	Gly	Ser	Leu	Gln	Leu	Pro	His	Gln	Pro	Leu	Gln	
91		335					340					345					
92	ggc	ggt	gat	gtg	gtc	aca	atc	ggg	ggc	ttc	acc	ttt	gtg	atg	aat	gac	1107
93	Gly	Gly	Asp	Val	Val	Thr	Ile	Gly	Gly	Phe	Thr	Phe	Val	Met	Asn	Asp	
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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/376,430

DATE: 02/29/2000
TIME: 10:21:53

Input Set: I376430.RAW

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100     ccgcctaata cggccactgc cctgctaact ttccccaca tgagtctctg tgttcaaagg 1335
101     cttgatggca gatgggagcc aattgctcca ggagatttac tcccagttcc ttttcgtgcc 1395
102     tgaacgttgt cacataaacc ccaaggcagc acgtccaaaa tgctgtaaaa ccatcttccc 1455
103     actctgtgag tcccagttc cgtccatgta cctgttccat agcattggat tctcggagga 1515
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108 <213> ORGANISM: Homo sapiens
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113         20             25             30
114     Gln Ile Ile Tyr Phe Asn Leu Glu Thr Val Gln Val Thr Trp Asn Ala
115         35             40             45
116     Ser Lys Tyr Ser Arg Thr Asn Leu Thr Phe His Tyr Arg Phe Asn Gly
117         50             55             60
118     Asp Glu Ala Tyr Asp Gln Cys Thr Asn Tyr Leu Leu Gln Glu Gly His
119         65             70             75             80
120     Thr Ser Gly Cys Leu Leu Asp Ala Glu Gln Arg Asp Asp Ile Leu Tyr
121         85             90             95
122     Phe Ser Ile Arg Asn Gly Thr His Pro Val Phe Thr Ala Ser Arg Trp
123         100            105            110
124     Met Val Tyr Tyr Leu Lys Pro Ser Pro Lys His Val Arg Phe Ser
125         115            120            125
126     Trp His Gln Asp Ala Val Thr Val Thr Cys Ser Asp Leu Ser Tyr Gly
127         130            135            140
128     Asp Leu Leu Tyr Glu Val Gln Tyr Arg Ser Pro Phe Asp Thr Glu Trp
129         145            150            155            160
130     Gln Ser Lys Gln Glu Asn Thr Cys Asn Val Thr Ile Glu Gly Leu Asp
131         165            170            175
132     Ala Glu Lys Cys Tyr Ser Phe Trp Val Arg Val Lys Ala Met Glu Asp
133         180            185            190
134     Val Tyr Gly Pro Asp Thr Tyr Pro Ser Asp Trp Ser Glu Val Thr Cys
135         195            200            205
136     Trp Gln Arg Gly Glu Ile Arg Asp Ala Cys Ala Glu Thr Pro Thr Pro
137         210            215            220
138     Pro Lys Pro Lys Leu Ser Lys Phe Ile Leu Ile Ser Ser Leu Ala Ile
139         225            230            235            240
140     Leu Leu Met Val Ser Leu Leu Leu Leu Ser Leu Trp Lys Leu Trp Arg
141         245            250            255
142     Val Lys Lys Phe Leu Ile Pro Ser Val Pro Asp Pro Lys Ser Ile Phe
143         260            265            270
144     Pro Gly Leu Phe Glu Ile His Gln Gly Asn Phe Gln Glu Trp Ile Thr

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/376,430

 DATE: 02/29/2000
 TIME: 10:21:53

Input Set: I376430.RAW

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149    305          310          315          320
150    Ala Glu Ser Pro Arg Met Leu Asp Pro Gln Thr Glu Glu Lys Glu Ala
151          325          330          335
152    Ser Gly Gly Ser Leu Gln Leu Pro His Gln Pro Leu Gln Gly Gly Asp
153          340          345          350
154    Val Val Thr Ile Gly Gly Phe Thr Phe Val Met Asn Asp Arg Ser Tyr
155          355          360          365
156    Val Ala Leu
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159    <211> LENGTH: 363
160    <212> TYPE: PRT
161    <213> ORGANISM: Homo sapiens
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166          20          25          30
167    Thr Ser Thr Pro Ala Gly Thr Leu Asp Val Ser Thr Leu Pro Leu Pro
168          35          40          45
169    Lys Val Gln Cys Phe Val Phe Asn Val Glu Tyr Met Asn Cys Thr Trp
170          50          55          60
171    Asn Ser Ser Ser Glu Pro Gln Pro Asn Asn Leu Thr Leu His Tyr Gly
172    65          70          75          80
173    Tyr Arg Asn Phe Asn Gly Asp Asp Lys Leu Gln Glu Cys Gly His Tyr
174          85          90          95
175    Leu Phe Ser Glu Gly Ile Thr Ser Gly Cys Trp Phe Gly Lys Lys Glu
176          100          105          110
177    Ile Arg Leu Tyr Glu Thr Phe Val Val Gln Leu Gln Asp Pro Arg Glu
178          115          120          125
179    His Arg Lys Gln Pro Lys Gln Met Leu Lys Leu Gln Asp Leu Val Ile
180          130          135          140
181    Pro Trp Ala Pro Glu Asn Leu Thr Leu Arg Asn Leu Ser Glu Phe Gln
182    145          150          155          160
183    Leu Glu Leu Ser Trp Ser Asn Arg Tyr Leu Asp His Cys Leu Glu His
184          165          170          175
185    Leu Val Gln Tyr Arg Ser Asp Arg Asp Arg Ser Trp Thr Glu Gln Ser
186          180          185          190
187    Val Asp His Arg His Ser Phe Ser Leu Pro Ser Val Asp Ala Gln Lys
188          195          200          205
189    Leu Tyr Thr Phe Arg Val Arg Ser Arg Tyr Asn Pro Leu Cys Gly Ser
190          210          215          220
191    Ala Gln His Trp Ser Asp Trp Ser Tyr Pro Ile His Trp Gly Ser Asn
192    225          230          235          240
193    Thr Ser Lys Glu Asn Ile Glu Asn Pro Glu Asn Pro Ser Leu Phe Ala
194          245          250          255

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RAW SEQUENCE LISTING PATENT APPLICATION US/09/376,430

DATE: 02/29/2000
TIME: 10:21:53

Input Set: I376430.RAW

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195      Leu Glu Ala Val Leu Ile Pro Leu Gly Ser Met Gly Leu Ile Val Ser
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197      Leu Ile Cys Val Tyr Cys Trp Leu Glu Arg Thr Met Pro Arg Ile Pro
198              275              280              285
199      Thr Leu Lys Asn Leu Glu Asp Leu Val Thr Glu Tyr Gln Gly Asn Phe
200              290              295              300
201      Ser Ala Trp Ser Gly Val Ser Lys Gly Leu Ala Glu Ser Leu Gln Pro
202      305              310              315              320
203      Asp Tyr Ser Glu Arg Leu Cys His Val Ser Glu Ile Pro Pro Lys Gly
204              325              330              335
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216      tctcccgagc tcctgaggtc acatgcgtgg tggtgagcgt aagccacgaa gaccctgagg 180
217      tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg 240
218      aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300
219      ggctgaatgg caaggagtac aagtgcgaagg tctccaacaa agccctccca accccatcg 360
220      agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420
221      catcccggga tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct 480
222      atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagaac aactacaaga 540
223      ccacgcctcc cgtgctggac tccgacggct ccttcttcct ctacagcaag ctcaccgtgg 600
224      acaagagcag gtggcagcag gggaacgtct tctcatgctc cgtgatgcat gaggctctgc 660
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226      gactctagag gat
227      <210> SEQ ID NO 5
228      <211> LENGTH: 5
229      <212> TYPE: PRT
230      <213> ORGANISM: Homo sapiens
231      <220> FEATURE:
232      <221> NAME/KEY: SITE
233      <222> LOCATION: (3)
234      <223> OTHER INFORMATION: Xaa equals any amino acid
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239      <211> LENGTH: 86
240      <212> TYPE: DNA
241      <213> ORGANISM: Homo sapiens
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                cccgaaatat ctgccatctc aattag
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Input Set: I376430.RAW

Line	?	Error/Warning	Original Text
236	W	"N" or "Xaa" used: Feature required	Trp Ser Xaa Trp Ser
341	W	"N" or "Xaa" used: Feature required	Xaa Xaa Trp Xaa Xaa Trp Ser
356	W	"N" or "Xaa" used: Feature required	Thr Xaa Pro Ser Xaa Trp Ser
379	W	"N" or "Xaa" used: Feature required	Trp Xaa Xaa Xaa Pro Xaa Pro
390	W	"N" or "Xaa" used: Feature required	Ile Pro Xaa Val Pro Asp Pro
455	W	"N" or "Xaa" used: Feature required	Leu Trp Arg Xaa Lys Lys Phe Leu Xaa Pro S
457	W	"N" or "Xaa" used: Feature required	Ser Ile Phe Pro Gly Leu Phe Xaa Ile His G
505	W	"N" or "Xaa" used: Feature required	ctcmytccca gcgtgccaga cccgaaatcc atcttccc
546	W	"N" or "Xaa" used: Feature required	Thr Ser Gly Cys Leu Leu Asp Ala Xaa Gln A
552	W	"N" or "Xaa" used: Feature required	Gly Ile Arg Xaa Asp Gly Asp Val Phe Xaa T
579	W	"N" or "Xaa" used: Feature required	Trp Xaa Trp Ser

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/376,430

DATE: 02/29/2000
TIME: 10:21:53

Input Set: I376430.RAW

PREVIOUSLY ERRORED SEQUENCES-EDITED

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1 <210> 32
2 <211> 144
3 <212> DNA
4 <213> Homo sapiens
5 <400> 32
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8   gccatcatgg ggcggctggt tctg                                     144
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